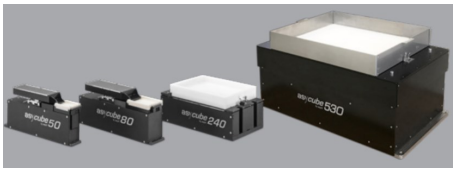
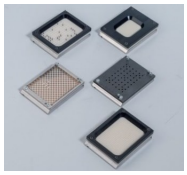
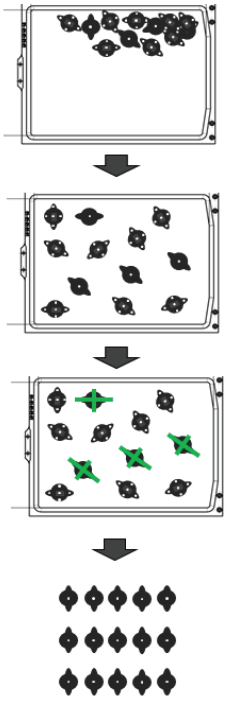




FlexCube 380

The FlexCube 380 vibrating platform is the ideal flexible feeder for components **from 15 to 60 mm** for flat and cube-like parts (e.g. pins, needles, clamps, plastic parts, etc.).

- FlexCube 380 is the ideal feeder when flexibility is demanded in production. Vibrating feeding platforms are typically used in combination with a vision system and a robot, feeding parts of any shape and geometry. The patented 3-axis vibration technology allows to handle even sensitive parts highly reliably.
- Parts are spread homogeneously on the feeder surface and can even be systematically oriented in many cases by using intelligent vibration patterns in combination with a structured plate. Entire part families can thus be handled with a single feeder, making the system highly future-proof.



Bulk parts are dropped on vibratory platform

Parts are spread evenly thanks to the intelligent 3-axis vibration

Vision system detects which parts are correctly oriented

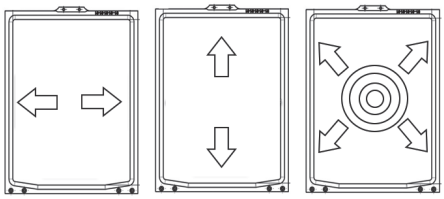
Parts are picked and assembled by robot

FEEDER ADVANTAGES

- **Compatible with all part geometries**: 99% of parts can be fed on our feeders - including complex geometries and delicate materials
- **Minimum production changeover times** enable flexible, future-proof production systems
- **Extremely gentle part handling due to 3-axis vibration technology**: parts can be moved in all directions, including the optimal choice of flipping amplitude for each part. Minimal abrasion as parts do not need to be recirculated. Platform purge possible.
- **Advanced reliability and durability** due to State-of-the-Art Voice Coil Technology ; no compressed air needed
- **Avoid backfeeding of vibration into surrounding machines** thanks to isolation of vibratory platform and feeder base
- **Systematic part orientation** can be achieved with intelligently structured platforms (grooves, holes, nests)
- **Integrated LED backlight for** parts detection (e.g. red / green / blue / white)
- Expandable with RNA vibration hopper type BVL
- Expandable with other RNA components to a complete feeding system solution

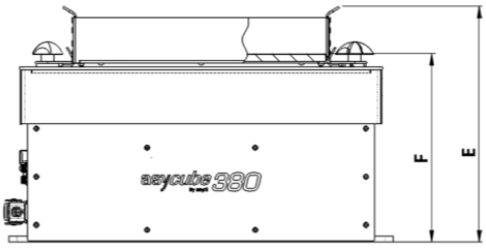
PATENTED 3-AXIS VIBRATION TECHNOLOGY

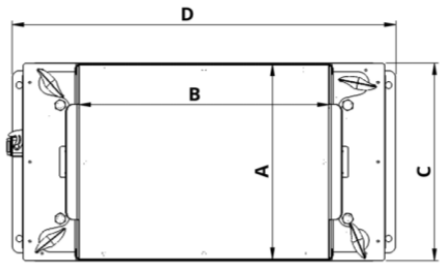
- Select the optimal choice of flipping amplitude for each part.
- Combine advanced movements with structured platforms to orient and separate parts.
- Distribute your parts on the surface faster, more gentle and more efficiently than ever.



SPECIFICATIONS

Communication	Ethernet (TCP/IP), Modbus TCP	
Power supply	24 V, 20 A	
Backlight synchronization input		
Software Communication Plugins	FANUC .NET DENSO STÄUBLI ABB MITSUBISHI ELECTRIC UNIVERSAL ROBOTS	
OPTIONS		
Vibration plate	flat / holes / grooves / nests / various materials (antistatic, medical, FDA…)	
Connection cables	Power / communication / backlight / I/O	
Various hopper sizes	10 L	
DIMENSIONS		
Typical part size	15 - 60 mm	0.6 - 2.4 in
Vibration platform	A: 254mm	10 in
	B: 325 mm	12.8 in
Footprint	C: 257 mm	10.1 in
	D: 499 mm	19.6 in
Maximum height	E: 307 mm	12.1 in
Pick height	F: 245 mm	9.65 in





RNA We handle it.

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